



(12) **United States Patent**  
**Tsai**

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(54) **INJECTOR FOR INTRAOCULAR LENS SYSTEM**

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(Continued)

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(65) **Prior Publication Data**

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**Related U.S. Application Data**

(60) Continuation of application No. 12/629,004, filed on Dec. 1, 2009, now Pat. No. 8,142,498, which is a division of application No. 11/046,154, filed on Jan. 28, 2005, now Pat. No. 7,645,300.

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(52) **U.S. Cl.**  
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See application file for complete search history.

**ABSTRACT**

(57) Disclosed is an injector which comprises an injector housing having a longitudinal axis and an injection probe disposed along the longitudinal axis. The injector further comprises an intraocular lens disposed in the housing. The intraocular lens comprises first and second interconnected viewing elements, and the optical axes of the first and second viewing elements are substantially aligned. The optical axes are substantially orthogonal to the longitudinal axis of the housing. The injector further comprises a lens carrier which engages one of the viewing elements. The viewing elements are moveable in response to longitudinal movement of the lens carrier relative to the injector housing. The longitudinal movement causes both (i) the optical axes to be displaced relative to each other and (ii) the viewing elements to be disposed substantially on the longitudinal axis of the injector housing.

**14 Claims, 13 Drawing Sheets**

